Usenet Newsgroup Archive: rec.ham-radio

1992

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Date span: 1992-01-20 through 1992-12-11

Source text: rec.ham-radio.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 61

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. BC250 problem, any fixes out there?

Newsgroup: rec.ham-radio
Date: 1992-01-20 22:16:52 UTC
From: dans@rehab2.UUCP
Message-ID: <392@rehab2.UUCP>
Source record: 3402
Cross-posted to: rec.radio.shortwave,rec.ham-radio

My old stand by scanner (Bearcat 250) has developed a problem. It works normal in search mode (enter high & low freq - scan between them). Also the bank buttons, speed, priority, manual, scan, etc all work normal. The problem is that all 50 channels have the same freq (9xx.xxx) with delay any lockout set. When I try to reprogram a channel it goes right back to the (bogus) 900 frequency.

Does anyone have any ideas whats wrong? How about any place that repairs these old babies for a fair price (perhaps flat fee swap out)?

Dan
--
Reading Rehabilitation Hospital _/_ Those who worked the
Dan Schein - Information Systems \ / hardest, are the last
RD 1 Box 250 /_ _\ to surrender.
Reading, PA 19607 \/ -= Gary Ward =-

dans@rehab2.UUCP -or- ....{uunet,rutgers}!cbmvax!rehab1!rehab2!dans

2. Stolen Radio gear

Newsgroup: rec.ham-radio
Date: 1992-02-16 04:33:26 UTC
From: tim@irie.ais.org
Message-ID: <tim.698214806@irie.ais.org>
Source record: 3403
Cross-posted to: mi.misc,rec.radio.shortwave,rec.radio.swap,rec.ham-radio

The following items were STOLEN during a vehicle theft
occuring in Madison Heights, Michigan on 14 FEB 92:

Icom IC-900 transceiver control head, sub units A & B, each with
serial # 01205. UT-29 CTCSS board installed.

Icom UX-39A 220MHz module for IC-900, serial # 01222.

Icom UX-29H 2 meter module for IC-900, serial # 01289.

Icom UX-49A 440MHz module for IC-900, serial # 01734.

Icom CF-11 Cooling fan unit for IC-900, serial # 01328.

Uniden HR-2510 10-meter radio, serial # 83006772.

Fair Mate HP-2000 handheld scanner, serial # 19169.

Panasonic EB-362 transportable cellular telephone, in black
carrying bag, serial # 157980.

BEL 'Vector 3 Remote' tri-band remote radar detector, serial #
267723.

Chances are that the above items will eventually turn up at
hamfests and/or pawn shops in the Detroit, Michigan area.

If you come into contact with any of the above items, please
contact the local police immediately, and/or contact the Madison
Heights (Michigan) Police Department at 313/585-2100, citing case
92-3167.

Also, I hope that EVERYONE with radio equipment in their
vehicle(s) will verify that your insurance policy will cover such
items, before you learn the hard way that it doesn't! It is also
important to keep a listing of the serial #s of the items.

Thank you,

Tim
KA8VIR

--
Tim Tyler Internet: tim@ais.org MCI Mail: 442-5735 C$erve: 72571,1005
P.O. Box 443 Packet: KA8VIR @KA8UNZ.#SEMI.MI.USA.NA
Ypsilanti MI
48197-0443 PADI, USPA, AFCEA, INEOA, P226, VFR700, etc.

3. RFD new newsgroup rec.radio.broadcasting/talk.broadcasting.radio

Newsgroup: rec.ham-radio
Date: 1992-02-23 22:19:06 UTC
From: wdp@gagme.chi.il.us
Message-ID: <1992Feb23.221906.10676@gagme.chi.il.us>
Source record: 3404
Cross-posted to: rec.ham-radio,rec.radio.amateur,rec.radio.amateur.misc,rec.radio.shortwave

This is a call for discussion on the creation of a new Usenet newsgroup, tentitively entitled rec.radio.broadcasting. I am proposing that this newsgroup be moderated, and barring any serious objection, I am offering my time and energy to BE that moderator.

As the 'statement of charter' indicates, I believe that a group of this type is needed on Usenet because there is no current newsgroup dealing with the general subject of radio broadcasting. Yet radio is, arguably, the most consumed of all mass media, in terms of actual person/hours of exposure. People listen to radio in their cars, in their offices, while jogging, dining, reading, getting ready for work, commuting, and just about any other conceivable activity. Radio shapes our opinions, perceptions, musical tastes, and (hopefully) stimulates our imagination.

For these reasons, and others, I propose the creation of this newsgroup.

I suggest a 'moderated' format, for these reasons.

1) A properly moderated group generally produces a more concise and cohesive product w/less "net-clutter" and a higher signal/noise ratio.

2) If the moderator is knowledgable in the subject matter covered in the newsgroup, s/he can be of assistance in responding to questions posed to the group which might, otherwise, go un-answered.

3) Moderation of a newsgroup means different things to differnet people. My concept of moderation is simply to act as a buffer, weeding out test messages, repetitive, abusive or 'grossly off topic' messages, and to re-direct, misplaced articles to appropriate newsgroups.

I am an experienced broadcaster, and have had an avid interest in the medium since early childhood. I would consider moderating this group an honor and a pleasure, because of my respect for the medium, and the people in it. Plus, I have time and willingness to dedicate to such a project.

The tentitive name of 'rec.radio.broadcasting' (r.r.b) is, of course, open to change if a better title can be created. While the charter of the group suggests potential topics which are not specifically recreational, I tend to feel that 'rec' might be the be the most appropriate heading since the only other Usenet group dealing with domestic broadcast radio (rec.radio.noncomm) uses this heading and therefore r.r.b would be a good companion group.

I considered the name 'talk.radio.broadcasting', but felt there might be a misunderstanding that the group was centered around the 'talk radio'

format. Perhaps something like 'talk.broadcasting.radio' might be
a good alternative, but that will be determined by you folks
"out there in Usenet-land" :), assuming that the process gets that far.

I do not envision r.r.b to be a replacement for any other newsgroup,
including rec.radio.noncomm. The latter group's focus is on a specific
genre of radio and therfore I feel the two groups would compliment,
rather than compete with, one another.

****** Statement of charter; rec.radio.broadcasting. *********

Rec.radio.broadcasting (r.r.b) will be for discussion of a wide variety of
subjects pertaining to the general arena of entertainment/information
radio. While not specifically limited to North American broadcasting,
r.r.b will avoid dealing with international (shortwave) broadcasts
because this topic is already being handled in rec.radio.shortwave.

Valid subjects for discussion might include (but not be limited to);

1) Programming and formats
2) Technical and engineering matters
3) Concerns of smaller market stations
4) Innovations and legislation affecting the medium
(and those attempting to enter it)
5) Radio's historical & cultural significance
6) Radio news coverage and it's impact on our nation and our world.
7) Audience input and ideas for improving the state of radio broadcasting.

Since rec.radio.noncommercial is the only Usenet group pertaining to
domestic broadcast radio, r.r.b would provide a forum for those
individuals who's interest in the medium is not limited to the
non-commercial arena. I believe this group would be of great
interest to Usenet participants because ...

1) Everybody listens to, and is affected by, radio broadcasting. It
is the only mass media in which one can fully participate, while
engaged in another activity.

2) Colleges and universities currently train, and graduate, thousands of
potential radio professionals every year. These individuals would
be very likely to participate in such a forum to discuss and compare
notes on their chosen field of endeavor.

3) The face of radio is always changing. Satellite feeds, automation,
and other influences are molding the future of the medium. This
newsgroup would be a link between interested parties from all corners
of the industry, keeping one-another up to date on the latest trends
impacting radio broadcasting in America an beyond.

********** End Of Statement Of Charter **********

I welcome your comments and suggestions. If all goes reasonably well
I will be putting out a 'Call For Votes' in about a month and hopefully
the Usenet community will agree that such a group would be a valuable

addition to it's heirarchy. Since this is not a proposal for 'splitting' an existing newsgroup, but rather for the creation of a group to fill a 'vacancy', I hope you will seriously consider a positive response to this proposal even if you, yourself, are not particularily involved or interested in broadcasting. Such a group could only augment the already diverse spectrum of Usenet newsgroups.

Feel encouraged to post responses to news.groups, and/or to e-mail me directly at the following address.

wdp@gagme.chi.il.us

send c.c. to..
wdp@chinet.chi.il.us

Thank you.

William D. Pfeiffer

4. Midrange PC board fab houses?

Newsgroup: rec.ham-radio
Date: 1992-03-05 07:12:37 UTC
From: nagle@netcom.com
Message-ID: <fzvh4pqnagle@netcom.com>
Source record: 3405
Cross-posted to: sci.electronics,rec.ham-radio

At the low end we have Atlas Circuits (P.O. Box 892,
Lincolnton, N.C 28092), who will do a board for only $0.78 a square
inch plus $0.01 per hole plus $7.50 to make film from 2x art.
No plated-through holes, no silkscreen, no solder mask, no inspection,
15-mil design rules. $10 minimum.

At the high end we have places like Hunter Technologies in
Silicon Valley; plated-through holes, silkscreen, solder mask,
accepts data files via modem, 100% inspection, fine-line design
rules, multilayer available, MIL-spec qualified, various board
materials available, minimum prototype order 10 boards at $400 to $600.

Who's in the middle? I'd like to find someone who charges $100
or so and can do plated-through holes. Solder mask and silkscreen
optional. Suggestions?

John Nagle

5. Ham terms... Propaganda???

Newsgroup: rec.ham-radio
Date: 1992-03-08 08:14:48 UTC
From: whos@ddsw1.MCS.COM
Message-ID: <1992Mar8.081448.3606@ddsw1.MCS.COM>
Source record: 3406
Cross-posted to: rec.ham-radio,sci.electronics

While talking to a friend the other day about Ham radio, he kept mentioning "getting good propaganda". After the third or fourth time, I said, "Uhhh, do you mean propagation?" He replied, "Well, propaganda's what all the real hams call it." Now... Is my friend full of it, or is this true? He tends to B.S. about things he has little knowledge about, so I have no idea.

Thanks.
--
Mail whos@ddsw1.mcs.com. | Whos at ddsw1? | Yes! | What? | No, whos! | Huh? | Who? | Who what? | No, whos@ddsw1.mcs.com! | Where? | DDSW1! | Who's there?| Right! | Right? | Yes! | Oh, right@ddsw1.mcs.com? | No, WHOS@ddsw1.mcs.com! | That's what I wanna find out! | What? | Who! | He's at ddsw1! | AAAAAAAAAGH!|

6. Re: Ham terms... Propaganda???

Newsgroup: rec.ham-radio
Date: 1992-03-10 01:42:15 UTC
From: jfw@ksr.com
Message-ID: <10524@ksr.com>
Source record: 3407
Cross-posted to: rec.ham-radio,sci.electronics

whos@ddsw1.MCS.COM (Ben Feen) writes:
>While talking to a friend the other day about Ham radio, he kept mentioning
>"getting good propaganda". After the third or fourth time, I said, "Uhhh,
>do you mean propagation?" He replied, "Well, propaganda's what all the real
>hams call it." Now... Is my friend full of it, or is this true? He tends
>to B.S. about things he has little knowledge about, so I have no idea.

Any "real ham" who expects to see the word "propaganda" on his FCC theory test is in for a rude shock. I suppose that some hams might use it as a joke, and others might use it because they no longer know any better (the same ones who use "omen meters"), but you won't find anyone knowledgable doing so with a straight face.

John, WB7EEL

(By the way, "rec.ham-radio" is moribund, "rec.radio.amateur.misc" is the sleek, high-tech replacement. Bug your local news administrator if you don't have it.)

7. Re: Ham terms... Propaganda???

Newsgroup: rec.ham-radio
Date: 1992-03-11 03:39:13 UTC
From: mcovingt@athena.cs.uga.edu
Message-ID: <1992Mar11.033913.23749@athena.cs.uga.edu>
Source record: 3408
Cross-posted to: rec.ham-radio,sci.electronics

In article <1992Mar8.081448.3606@ddsw1.MCS.COM> whos@ddsw1.MCS.COM (Ben Feen) writes:
>While talking to a friend the other day about Ham radio, he kept mentioning
>"getting good propaganda". After the third or fourth time, I said, "Uhhh,
>do you mean propagation?" He replied, "Well, propaganda's what all the real
>hams call it." Now... Is my friend full of it, or is this true?

No. The ham magazines and manuals are full of propaGATION (correctly spelled)
and I've never heard it called "propaganda."

I'm not only a ham, I'm a linguist, and I'd say offhand that either he was
genuinely mistaken and tried to cover it up, or else he is very insecure and
is eager to find some kind of obscure jargon to use in order to get the
feeling of being part of an "in crowd" (rather the way CBers used jargon
in the 1970s).

73 de N4TMI
--
==
Michael A. Covington, Ph.D. | mcovingt@uga.cc.uga.edu | ham radio N4TMI
Artificial Intelligence Programs | U of Georgia | Athens, GA 30602 U.S.A.
==

8. Re: Ham terms... Propaganda???

Newsgroup: rec.ham-radio
Date: 1992-03-13 07:23:46 UTC
From: pillera@etd4260a.erim.org
Message-ID: <PILLERA.92Mar13072346@etd4260a.erim.org>
Source record: 3410
Cross-posted to: rec.ham-radio,sci.electronics

> While talking to a friend the other day about Ham radio, he kept mentioning
> "getting good propaganda". After the third or fourth time, I said, "Uhhh,
> do you mean propagation?" He replied, "Well, propaganda's what all the real
> hams call it." Now... Is my friend full of it, or is this true? He tends
> to B.S. about things he has little knowledge about, so I have no idea.
>
> Thanks.

As a ham and SWL (shortwave listner), I thought your friend was
referring to the propaganda that one hears below 30 MHz in the AM
mode.

One need only listen to Radio Habanna (Cuba) or other such "official
government news stations" to see what I mean.

73,
-Joe
--

Joe Pillera, N8QYO ERIM
Research Scientist Image Processing Systems Division
pillera@erim.org P.O. Box 134001
(313) 994-1200 x2754 Ann Arbor, Michigan 48113-4001

Disclaimer: The opinions expressed here are solely those of Joe Pillera,
and not of ERIM or its affiliates.

9. FORSALE: RCA CR-91A receivers

Newsgroup: rec.ham-radio
Date: 1992-03-17 18:34:39 UTC
From: rflukes@ccu.umanitoba.ca
Message-ID: <1992Mar17.183439.28254@ccu.umanitoba.ca>
Source record: 3409
Cross-posted to: rec.ham-radio,rec.radio.swap

Hello,

I have two RCA CR-91A receivers. These are old tube-type general coverage receivers built sometime in the late 40's, early 50's (I think). Both are in very good shape and weigh something nasty! Anyone who is interested in these please contact me via e-mail. I would prefer if only those familiar with these receivers purchase them. If you don't know what it is, you probably don't want it :-)

73's
Rich, VE4AIV

P.S. I am still looking for a Hallicrafters HA-20 VFO...
--
Richard F. Lukes rflukes@ccu.UManitoba.CA
Computer Science Department (or rflukes@ccm.UManitoba.CA)
University of Manitoba
WORK: (204)-474-8696 HOME: (204)-257-6701

10. Re: Ham terms... Propaganda???

Newsgroup: rec.ham-radio
Date: 1992-03-19 11:47:14 UTC
From: paulr@syma.sussex.ac.uk
Message-ID: <1992Mar19.114714.9094@syma.sussex.ac.uk>
Source record: 3411
Cross-posted to: rec.ham-radio,sci.electronics

From article <PILLERA.92Mar13072346@etd4260a.erim.org>, by pillera@etd4260a.erim.org (Joe Pillera):
>> While talking to a friend the other day about Ham radio, he kept mentioning
>> "getting good propaganda". After the third or fourth time, I said, "Uhhh,
>> do you mean propagation?" He replied, "Well, propaganda's what all the real
>> hams call it." Now... Is my friend full of it, or is this true? He tends
>> to B.S. about things he has little knowledge about, so I have no idea.
>>
>> Thanks.
>
> As a ham and SWL (shortwave listner), I thought your friend was
> referring to the propaganda that one hears below 30 MHz in the AM
> mode.
>
> One need only listen to Radio Habanna (Cuba) or other such "official
> government news stations" to see what I mean.
>

You forgot to mention Voice of America. ;-)

//Paul

--
Paul Russell	"Microsoft MS-DOS 5.0 gives your
Dept Experimental Psychology	computer something you'll both
University of Sussex, Falmer	love - an extra 45k memory."
Brighton BN1 9QG, England	-- Microsoft advertisement

11. Apartment with Antennas for Rent

Newsgroup: rec.ham-radio
Date: 1992-03-24 23:12:00 UTC
From: manfredi+@pitt.edu
Message-ID: <203876@unix.cis.pitt.edu>
Source record: 3412
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.shortwave

Apartment available May 1 on Oakland, near the University of Pittsburgh.
It has a multiband vertical R5 on top of the building which is 7 stories
high, with no obstacles around. This antenna is high and on the clear.
Work plenty of DX as my logbook shows!. If interested respond by
e-mail or call 412-6835178.
Ah! The apartment has two bedrooms, two bathrooms and is on the sixth
floor. It has microwave, diswhasher,.. you name.. and it has
ANTENNAS!!. Be prepared for a >$700 a month rent.

Juan , NA0B.

12. CFV rec.radio.broadcasting

Newsgroup: rec.ham-radio
Date: 1992-03-28 08:18:27 UTC
From: wdp@chinet.chi.il.us
Message-ID: <1992Mar28.081827.10084@chinet.chi.il.us>
Source record: 3413
Cross-posted to: alt.radio.scanner,rec.ham-radio,rec.anateur.misc,rec.radio.swap,rec.video.cable-tv,rec.video.satellite

```
This is a Call For Votes on the creation of a new Usenet newsgroup
entitled 'rec.radio.broadcasting.

STATUS: Moderated.

PURPOSE: This group will be for the discussion of a wide variety of
subjects pertaining to the general arena of domestic radio
broadcasting. Topics of discussion might include (but not
be limited to): Programming, Engineering/Technical, Radio
news and political coverage, Challenges of secondary
market stations, Innovations and legislation affecting
the media, Historical and cultural significance, Network radio,
Domestic pirate broadcasting, Differences and similarities
in 'domestic' radio of various nations, General items of
interest to broadcast professionals, hopefulls, affectionados,
and casual listeners, Assistance to those desiring to enter
the industry by providing a 'networking' infrastructure.

REASONS: Everybody listens to the radio. It influences our lives, our
political beliefs, musical tastes, purchasing habits, and
(hopefully) stimulates our imagination. Radio, in it's many
forms, is pervasive. It is the only mass media in which
one can fully participate while engaged in another
activity. Amazingly, there is no Usenet newsgroup dedicated
to the overall topic of radio broadcasting.

Limits: I do not envision rec.radio.broadcasting to be a
replacement for such groups as rec.radio.noncomm or
rec.radio.shortwave. Rec.radio broadcasting (r.r.b) would
try to avoid dealing with subjects which are directly and
_specifically_ related to the charter(s) of these groups,
but will gladly cover _any_ subject which has significance
to radio broadcasting in general, even if it involves
noncommercial or shortwave stations. R.r.b would be
likely to shy away from discussions (flame wars) about
specific performers & bands, except as it pertains to radio
programming and formats (there are many .music groups on
the net for such discussions).

MODERATION: I have proposed this as a moderated group. I have also
volunteered to serve as that moderator. I believe in a
very 'light-handed' approach to moderation. Basically no
more than a buffer, re-directing misplaced articles, attempting
to quell excessive 'free-for-all-flame-fests' :-), and trying
to keep the signal/noise ratio on the 'signal' side :-).
```

*** I AM NOT A CENSOR ***. I will NEVER kill an article
because it clashes with my beliefs or opinions! In addition,
I have my own dedicated Unix system with it's own direct
Internet e-mail feed, I have time and energy to dedicate
to the project, I have had a life-long involvement with
radio and communication, plus the wise counsel and support
of many in the industry, and on the net.

^^

#####
# # # # # # # # # #
^^#
#####

^^

TO VOTE YES, SEND E-MAIL TO 'yes-rrb@gagme.chi.il.us' (OMIT THE QUOTES)
TO VOTE NO, SEND E-MAIL TO 'no-rrb@gagme.chi.il.us'

Only votes sent by e-mail, to the above address will be counted!
Do not respond directly to this post. Voting will end on 4/30/92.
No conditional votes will be accepted. Votes should have a line in
the subject or body of the letter stating clear intent, such as..
"I vote yes on rec.radio.broadcasting as proposed" or
"I vote no on rec.radio.broadcasting as proposed", or some similar
non-ambiguous statement. Mass acknowledgements, and possible re-posts of
this CFV will appear from time to time in news.announce.newgroups and
news.groups as well as other related newsgroups. Vote counts will be
verified (if needed) by the sysadmin at the 'gagme' site.

If anyone desires direct corespondence with me on this subject, please
write to me at my personal e-mail address 'wdp@airwaves.chi.il.us'.
However, I will not enter into any discussion of vote totals or
projections while the vote is underway.

** VOTES WILL NOT BE ACCEPTED AT THE 'AIRWAVES' ADDRESS! ***

(Exception to above rule: If your vote bounces, send it, and the entire
bounced header, to me at airwaves, and it will be included).

Thanks to those who expressed support.

Respectfully

William Pfeiffer
wdp@airwaves.chi.il.us

13. Amateur Radio Group Forming

Newsgroup: rec.ham-radio
Date: 1992-03-31 16:36:31 UTC
From: glen@janus.cs.pdx.edu
Message-ID: <5187@pdxgate.UUCP>
Source record: 3414
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

```
This Spring, an Amateur Radio interest group will be forming,
serving PSU and Reed College. License classes will be taught,
license examinations will be given, and several ham radio
stations will be installed and made available to licensed
operators.

Amateur Radio has a wide variety of areas and things you can
get into - from television to radio/computer networking and
packet transmission - Ham radio has it all. If you'd like more
information, or if you're interested in getting involved,
send email to glen@janus.cs.pdx.edu and we'll notify you when
an organizational meeting is planned.
--*-- --*-- --*-- --*-- --*-- --*-- --*-- --*-- --*-- --*-- --*--
Glen Barney It'll take time, but we're going far,
Internet: glen@cs.pdx.edu you and me, I know we are - in time,
BangPath: uunet!cs.pdx.edu!glen we'll be dancing in the streets all night...
```

14. 68HC11 Development

Newsgroup: rec.ham-radio
Date: 1992-04-27 02:36:34 UTC
From: gcole@manta.NOSC.MIL
Message-ID: <2808@manta.NOSC.MIL>
Source record: 3415
Cross-posted to: rec.ham-radio,comp.dsp

Greetings Netlanders:
Forgive this if it seems to be posted to the wrong group, but there
doesn't appear to be a group for embedded controllers.

I have read that there is a BBS which Motorola uses to support their
embedded controller products. Would somebody please email me their
telephone number?

Additionally, is anybody aware of a inexpensive C development
environment for the 68XX processors? I was able to FTP an assembler
from plains.ndsu.nodak.edu, but I am hoping someone has a compiler
or cross compiler for this family.

Thanks in advance for any pointers!

Guy (KQ6J)
--
=-=-=-

15. Re: Fluke 97 Scopemeter, any comments on them?

Newsgroup: rec.ham-radio
Date: 1992-04-27 21:48:34 UTC
From: dcovell@intelhf.hf.intel.com
Message-ID: <1992Apr27.214834.5176@intelhf.hf.intel.com>
Source record: 3416
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,sci.electronics

roberts@ishtar.med.jhu.edu (Dale Roberts) writes:

>Hello,

>I have been looking into the possiblilty of getting one of Fluke's new
>Scopemeters. These are their new portable digital multimeter/digital
>storage scope combos. They look very nice, and I'm sure they are of
>very high quality (being Fluke). The price also seems reasonable, for
>what the things do.

>If anyone has used one, or has seen one in use, I would like to hear
>their impressions. Does it work as well as the ads describe? What
>aren't they telling us. Is the scope display updated quickly (quickly
>enough that it looks like a real scope, and not a computer drawing a

Well, it uses and LCD display, so regardless of sampling speed it doesn't
look like a crt scope. Fluke had a display here at Intel and the 97 looked
pretty good to me.

>picture)? What limitations have you run into? What doesn't it do that
>you think it should do?

I can think of one possible draw-back to the 97: I'd be pretty cautious
about using the DMM portion of a near-$2000 DMM/scope combo like this in any
high-voltage/high-current aplication. I suspect the DMM and scope share some
or all of the same processor, so any fatal over-voltage to the DMM could
take out the scope too. I've learned the hard way that fuses don't always
save you from your own negligence. Thus, I'd likely use the 97 primarily for
the scope, and in that case I'd be better off with a separate scope and DMM.
It may be that the 97 is rugged enough to handle massive over-voltage, but
I'd hate to find out differently.
David Covell (who destroyed a $200 Phillips with 1400 VDC and learned the
hard way that some meter manufacturers won't sell you replacement processors).

16. Re: Fluke 97 Scopemeter, any comments on them?

Newsgroup: rec.ham-radio
Date: 1992-04-28 06:46:16 UTC
From: jgd@dixie.com
Message-ID: <7r#kkm@dixie.com>
Source record: 3417
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,sci.electronics

roberts@ishtar.med.jhu.edu (Dale Roberts) writes:

>I have been looking into the possiblilty of getting one of Fluke's new
>Scopemeters. These are their new portable digital multimeter/digital
>storage scope combos. They look very nice, and I'm sure they are of
>very high quality (being Fluke). The price also seems reasonable, for
>what the things do.

>If anyone has used one, or has seen one in use, I would like to hear
>their impressions. Does it work as well as the ads describe? What
>aren't they telling us. Is the scope display updated quickly (quickly
>enough that it looks like a real scope, and not a computer drawing a
>picture)? What limitations have you run into? What doesn't it do that
>you think it should do?

I have a 97 and love it. First off, forget any of the scopes except
the 97. The others are unconciously gymped.

here's the good stuff.

It really does have a 50 mhz bandwidth on one channel. Less when running
dual trace.

The screen is adequately fast, though the display update does sometimes
lag the input by a fraction of a second. Think of it as a delay line.
For signals that vary rapidly, there is an envelope mode that turns on
all dots the signal crossed during the sample.

Fully isolated case qualified to attach to power lines of up to 600 volts.

A,B,A-B mode allows one to view all three phases of a three phase
circuit, say of an inverter.

Several setup and waveform storage memories. Waveforms can be recalled
to the display in any combinations.

Auto-setup. On repetitive signals, pushing this button picks the proper
sweep and vertical scale to display a reasonable waveform.

Digital zoom. works by changing the sweep and trigger delay to keep
the center of the screen centered.

Trigger works very well and is displayed on the screen.

Several transforms available including smoothing, averaging and pass
filters.

Delay can be samples, events or sweeps.

Scope can accumulate twice the screen display's worth of samples which makes the pretrigger queue fairly deep.

Optically isolated data output can dump data, memories, the screen in either epson or HP format and accept remote control commands.

Voltmeter mode works very good, is fast and can display a mini-scope trace even on ohms. Min/Max mode displays min, max, average all in one display. AC is true RMS.

Is small enough to be carried almost everywhere. I hauled mine to the dragstrip this weekend to use to observe a radar gun output.

If the ni-cad pack goes dead, you can remove it and install dry cells. Nice touch.

Battery life is good. Days with the backlite off, spec'd 4 hours with it on. I've gotten more.

Here's the bad stuff.

You gotta kiss Fluke's ass to get 'em to sell you one. They began advertising the scope months before production started. I started trying to get mine back in November. Raising hell, including calling Fluke's president, did no good. I got mine about a month ago.

Fluke has honed the art of unbundling to a fine edge. The scope is reasonable but by the time you get through equipping it, you've got real money involved. Examples: Serial interface - $150, PC interface software - >$500, Amp clamp $100-$150 (ac or dc), Carrying case - $70 to $150, Service manual - $50 and so on.

Scope probes are fragile - I broke one the first day - and not anywhere near the quality of Tek probes.

HP printer output is not really PCL. It drives my clone laser printer fairly well (actual screen sized dump, rotated to landscape) but I've had a hell of a time trying to inport it into publishing software - one reason I bought the scope.

Screen dump is very coarse.

Backlite is inadequate. Needs to be much brighter.

Keys are heavily overloaded. Too many softkeys. Even trigger level is on a soft key.

Voltage readings must be taken through the the A channel probe. It cannot be routed to the bannana jacks where ohms and such are done.

When the mini-scope display is up on the ohms screen, the sweep is fixed.

It has a dumb software limitation that one trace must always be on. That means you can't just turn off both channels in preparation of recalling stored traces. You have to turn your traces on and then go back and kill the real time traces.

The A/D is noisy, displaying a couple of pixels off of baseline even with the input shorted, either with a shorting plug or by selecting "gnd" on the input selector. It appears to be independent of range.

Input channels share a common ground. While this is typical of analog scopes and at first blush would not seem to be a problem, you find yourself using the scope in situations where separate grounds would be nice. Fluke will sell you a ground isolator - for a price.

The front of the display is extremely glossy which means reflections of overhead lights kills the display. I usually turn the lights off and use bench lights when using the scope. This is really dumb and unnecessary.

The highly touted signal/function generator is useless. Only a couple of fixed, oddball frequencies. This is obviously a case where a few bytes were available in ROM so the developers gave marketing something else to crow about. Forget it exists when evaluating the scope. The manual kinda indicates arbitrary waveform might be available using the PC software but I don't know since I refuse to pay the extortive price.

The fluke reps were very unresponsive. I got more info from distributor salesmen. I originally contacted Fluke to obtain a unit to do a magazine review on. Even this didn't faze 'em. They're not gonna like my review.

The scope is actually a Philips. I HATE philips scopes. That was a major reservation against my buying the unit. I know Fluke could have done a better front panel.

If you get one, save your money on the serial interface. Just to to radio shack and get that IR LED/photodetector they package together and wire them through level shifters to an RS-232 connector. I think they'll probably insert into the holes in the scope body. The factory cable powers the level shifters from the RS-232 handshake pins. This is a real f*ckup which precludes using a serial to parallel converter on parallel printers. First time the converter handshakes (typically between each byte for the cheap portable ones), the interfaces loses power and the dump is gone.

I'd make the same purchase again mainly because there is nothing else out there. The Leader is a joke. So are the new Tek handhelds. For a third more money ($2400 list), you don't even get trace annotations or on-screen data. I had one in for a couple of days to evaluate while waiting for the Fluke. Tek apparently thinks their isolated input channels and CRT are going to sell the unit. NOT!

I like the scope and use it about 85% of the time but I do still the 465B sitting on the bench.

John
--
John De Armond, WD4OQC | If speed kills, I musta died and
Rapid Deployment System, Inc. | gone to heaven. UN-1261 forever!
Marietta, Ga |
jgd@dixie.com |Need public access in Atl? Write me.

17. Locations for ICOM-R1 Manual...

Newsgroup: rec.ham-radio
Date: 1992-04-28 12:14:50 UTC
From: crouland@gmuvax2.gmu.edu
Message-ID: <1992Apr28.121450.25793@gmuvax2.gmu.edu>
Source record: 3418
Cross-posted to: rec.ham-radio,rec.ham-radio.swap,rec.radio.shortwave

I downloaded a postscript file containing the manual for the ICOM-R1 several months ago from an FTP site. Does anyone know any sites that contain this file? I need a copy of the R1 manual, *desperately*
Thanks in advance...
Chris

crouland@gmuvax2.gmu.edu

18. Internet news/mail/etc. now affordable via Satellite & dialup

Newsgroup: rec.ham-radio
Date: 1992-04-28 18:19:45 UTC
From: sdw@world.std.com
Message-ID: <BnFK8y.ItD@world.std.com>
Source record: 3419
Cross-posted to:
alt.bbs.ads,alt.bbs.allsysop,alt.bbs.internet,alt.bbs.lists,comp.org.eff.talk,rec.ham-radio.packet,misc.entrepreneurs,rec.ham-radio

Please read and return the following form and give copies to anyone interested
or that should be interested in Internet access, especially NetNews and Email.

Internet News and Email Now Affordable via Satellite!

Available by June of 1992 for as little as $10-$20 per month in the
Dayton area. Other cities will be added as demand warrants.

A new service is now being created that will provide a full feed of
the world renown Internet NetNews (aka Usenet) and other services,
including professional quality Electronic Mail (Email). This is a
commercial service and is based on the Commercial Internet Exchange
(CIX) services and guidelines. This allows this service to be used
for very inexpensive commercial data traffic for EDI, email, data
transfer, etc.

Long distance phone charges have finally been overcome for bulk data
transfers. This is a new service making available for the first
time: hardware, software, and satellite bandwidth for transfer of
public access network information. With just a 386 or any other Unix
capable system, we can provide software and satellite download
hardware for a continuous 9600baud asynchronous connection. A low
cost turnkey system is being developed now.

Some facts about Internet and its services:

Email:
Connection for email to nearly 10 Million people world-wide in all
technologically advanced countries. A few notable examples: All of
North America including nearly all Universities and businesses, most
commercial and public email services (Compuserve, Fido, Genie, MCI
Mail, ATT Mail), all of Europe, Russia, India, Israel, Japan, parts of
South America and Africa, Australia, and New Zealand. Email is fairly
secure and encryption is available.

News service:
Over 1200-1800 newsgroups on many subjects, hierarchically organized.
This is not a traditional news service, but like a world-wide bulletin
board system. Anyone can post to any group (although some are
moderated) and their message is seen by up to a million news readers.
Traffic averages over 30 Megabytes and 5000 NEW messages per day.
Example newsgroups:

comp.graphics
comp.sources (with subdivisions)

comp.binaries.ibm.pc
misc.jobs.offered
misc.jobs.resumes
comp.std.c
rec.humor
misc.consumer
alt.bbs.allsysop
alt.bbs.ads
rec.radio.amateur (with further subdivisions)
soc.culture.australian
soc.singles
etc.

Archives of source code, binary (executables), data:
Access is possible to thousands of sites where archives of public domain or shareware source code and executables for every major computer, including: All Unix, MS-DOS, Mac, Amiga, etc. Each of these sites is larger than most bbses, often with Gigabytes of storage.
Also available are:
standards documents
archives of certain
newsgroups
public documents like the US constitution
public data like CIA World facts and maps, NASA pictures and archives, National Institutes of Health information, National Institute of Standards, various Security organizations.

People:
The leaders in technical fields often are available via email and sometimes personally communicate on and monitor Internet. Notable examples: Kernigan & Ritchie Bell Labs, Mitch Kapor EFF, Richard Stallman GNU.

Misc:
Time service, weather service, access to many commercial software or hardware companies for support.

There are several possible ways this service could be obtained:

Individual or small company Consumer:
Would make a local high speed serial call to a "Local Internet Gateway". This would allow reading or transferring email and news articles and posting or mailing new messages. Typical costs:
$5/mo and $2/hr or $20/20hrs. with discounts for higher volume.

Larger company or "Local Internet Gateway" provider:
Purchase software, satellite download equipment (18" dish, v.29 external modem, receiver, cable), and optionally a computer system with multiple serial ports and high speed modems.
The satellite download equipment would cost $1500 and software would be approximately $500-900 with a small yearly maintenance fee.
A commercial dial-up service would also be established with dial-up or

high-speed leased line. This can run from $4/hr to $1000-2000 for T1 speeds (1.54 Megabits/sec). This connection is used for outgoing email and netnews traffic, error recovery for the satellite link, and telnet/ftp/irc(Internet Relay Chat, like CIS CB simulator)/X-windows traffic to be multiplexed. Multiple users can share the bandwidth.

Large regional network provider:
Provides the previous with high bandwidth access to CIX and provides local companies with low cost direct network access to Internet through a "firewall" system.

Stephen D. Williams, Pres. SDW Systems 10028 Village Tree Ct.
Miamisburg, OH 45342 Internet: sdw@world.std.com CIS: 76244,210
Digital Pager: 513-496-5223

Internet News and Email Now Affordable via Satellite!

New customers are needed to help plan for capacity. Dayton will be the first city setup, with several others following immediately.

Customers in any area or those interested installing a private company connection or a "Local Internet Gateway" should contact us so that we may coordinate.

This is especially valuable in smaller towns where there is no local computer service access.

Please fill out the following for interest registration and any requests for more information to:

Stephen D. Williams, Pres.
SDW Systems
10028 Village Tree Ct.
Miamisburg, OH 45342

Internet: sdw@world.std.com CIS: 76244,210
Digital Pager: 513-496-5223

Name: _____
Address:_____
Phone (home and/or work):_____
Email address:_____
What are you interested in:

Consumer___ Local Internet Provider___
Other (explain):_____

When would you be interested:_____

Comments:

--
Stephen D. Williams SDW Systems (513) 496-5223 Pager (513) 439-5428 VMail
Object Oriented R&D Internet:sdw@world.std.com CIS 76244.210@compuserve.com
Source Distribution By Horse:10028 Village Tree Ct., Miamisburg, OH 45342

GNU Support ICBM: 39 34N 85 15W

19. Re: Fluke 97 Scopemeter, any comments on them?

Newsgroup: rec.ham-radio
Date: 1992-05-02 20:13:56 UTC
From: winslow@capella.EETECH.McGill.CA
Message-ID: <1992May2.201356.7365@thunder.mcrcim.mcgill.edu>
Source record: 3420
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,sci.electronics

well, I had the Fluke rep. come down to my office & give a demo. I'd been screwing around with this piece of crap Beckman Industrial calls a scope for the last 2 hours trying to get a decent reading on a nonlinear capacitive discharge. Fluke guy walks in & tries to show me his "look at the nice sine wave demo". Boring. Stop says I, plug it into this. Okay says he. I press the AutoSetup button and bingo: one perfect reading to go. I started to jot down the readings in my notebook when he just plugged the 97 into my the HP on my desk. Initial connect to hardcopy: less than 5 minutes. I ordered one on the spot.
That was back in December: still haven't got it. Fluke is backordered up the wazoo. They say May 15th. According to the Fluke rep, software bugs aren't the major concern for the 97 that they usually are for most embedded systems: he says that the entire firmware (about a megabyte) resides in nonvolatile ram. Bug fixes can be downloaded to the client through the serial port. Excellent move. Made me feel comfortable ordering a revision 1.00 unit.

winslow(at)capella.eetech.mcgill.ca

20. Re: 68HC11 Development

Newsgroup: rec.ham-radio
Date: 1992-05-05 21:06:04 UTC
From: henk@hgatenl.hobby.nl
Message-ID: <1992May5.210604.25521@hgatenl.hobby.nl>
Source record: 3421
Cross-posted to: rec.ham-radio,comp.dsp,comp.sys.m6809

gcole@manta.NOSC.MIL (Guy Cole) writes:

> Forgive this if it seems to be posted to the wrong group, but there
>doesn't appear to be a group for embedded controllers.

(You should have tried: comp.sys.m6809. I know it seems far fetched)

> I have read that there is a BBS which Motorola uses to support their
>embedded controller products. Would somebody please email me their
>telephone number?
> Additionally, is anybody aware of a inexpensive C development
>environment for the 68XX processors?

The BBS you mentioned is the one Motorola maintains, it contains lots of
goodies, like cross-assemblers, HC11 (small)-C compiler, etc.
Some with sources but not all :-(

Now about the BBS:
Its is called: Motorola, Freeware, Electronic Bulletin Board
Access instructions:
1) Set system character format to 8-bit, no parity, 1 stop bit.
2) Dial freeware number (512) 891-FREE (891-3733)
3) Enter the requested information to log on.
You are now a registered user.
4) Follow the menus for the desired functions.
(E.g. download, upload, mail etc.) Online help is available.

P.S.
If you make contact, please leave a message to the sysop, that we here in
Europe would like to receive a new copy of the BBS, the last update
we received is now about 3 years old.

--
Henk Dijkstra || domain: henk@hgatenl.hobby.nl
Hobbynet User Group, Netherlands. || Tel: (+31) 36-53.61.683 (Voice)

21. J-ANTENNA : how does it work? how is it mounted?

Newsgroup: rec.ham-radio
Date: 1992-05-07 02:03:14 UTC
From: johann@nevada.edu
Message-ID: <1992May7.020314.4118@nevada.edu>
Source record: 3422
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

I just picked up a J-Antenna to do my 2m packet, but I don't see by
its design how it works: it would seem the _metal_ bar across the base
short circuits the input. Except for the short ckt, the antenna reminds
me of a tuning fork...is this a close analogy?

On Mounting: Given the design of the J-Antenna and its metal base, does
it need to be isolated from the mast (which goes deep into the ground)...
Or can it be grounded without affecting the performance of the antenna?

Thanks in Advance,
Jason Cathcart
johann@nevada.edu - N7OJN @ W2XO.#WPA.PA.USA.NOAM - UCCNS:UNLV

22. AM antenna question

Newsgroup: rec.ham-radio
Date: 1992-05-19 20:02:31 UTC
From: jsantos@godzilla.ma30.bull.com
Message-ID: <jsantos.706305751@godzilla>
Source record: 3423
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.cb

Hi,

I am not really an amateur radio enthusiast, but I thought
that this might be a good place to ask this question. I was wondering
if there was anything that I could do to improve the reception of a
standard AM radio. Since these radios typically do not have any
connections for an external antenna, I am sort of at a loss regarding
how to apporach this. I seem to remember seeing something a long time
ago about being able to build an antenna that can somehow can be
inductively coupled to the radio rather than directly connected, but
this could be a figment of my imagination :-) Any help that you could
give me would be greatly appreciated.

Thanks

--
Jim Santos
Bull Worldwide Information Systems
J.Santos@bull.com

23. FORSALE: Amateur satellite hardware

Newsgroup: rec.ham-radio
Date: 1992-05-28 05:50:43 UTC
From: sloth@reed.edu!sloth.Reed.Edu!harden
Message-ID: <m0lqdNl-00026bC@sloth.reed.edu>
Source record: 3424
Cross-posted to: misc.forsale,pnw.forsale,rec.ham-radio,rec.ham-radio.swap

I have various hardware items for amateur satellite radio for sale/trade/etc. I am basically trying to get rid of them, but still would like to see a fair price.

For sale:
10' steel tripod and mast
Alliance AZ rotator and controller
Kenpro EL rotator and controller (also fiberglass boom)
18 element 435 MHz CP beam (RH and/or LH sense, 12V remote)
50+' 9915 coax
50+' coax -- semi-hardline...but not sure of type off hand

I will deliver them anywhere (in general PNW area). Make offer...(yes, I usually like to see the prices posted as well).

Call (503) 222-7493
or e-mail harden@romulus.reed.edu
harden@cc.pdx.edu
Thanks de Doug N6WFD

--
Douglas Harden
Reed College, Portland, OR
harden@reed.edu (NeXT mail or otherwise)

24. Attn: Cornell ARC

Newsgroup: rec.ham-radio
Date: 1992-06-27 02:47:12 UTC
From: hyx1@cunixa.cc.columbia.edu
Message-ID: <1992Jun27.024712.808@news.columbia.edu>
Source record: 3425
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

```
Any Cornellians out here?
I remember reading articles from members of the Cornell ARC.
Hope one of u will c this.
I have a Novice friend at Cornell who's exhausted his effort
to locate the Cornell ARC. He would be overjoyed if someone would him
info leading to the Cornell University ARC.
His name: Dennis Cho. Email address: YVYX@CORNELLA.cit.cornell.edu.
Tnx,
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
| Harry Xu (KB2LHA/KT) <> Enjoying Summer!!! |
| hyx1@columbia.edu <> E-mail reply appreciated. |
-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-
```

25. Re: Attn: Cornell ARC

Newsgroup: rec.ham-radio
Date: 1992-06-27 05:36:39 UTC
From: pschleck@odin.unomaha.edu
Message-ID: <pschleck.709623399@odin>
Source record: 3426
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

hyx1@cunixa.cc.columbia.edu (Harry Y Xu) writes:

> Any Cornellians out here?
> I remember reading articles from members of the Cornell ARC.
>Hope one of u will c this.
> I have a Novice friend at Cornell who's exhausted his effort
>to locate the Cornell ARC. He would be overjoyed if someone would him
>info leading to the Cornell University ARC.
> His name: Dennis Cho. Email address: YVYX@CORNELLA.cit.cornell.edu.
>Tnx,
>-=-=-=

26. Need help with cross-polarized antenna

Newsgroup: rec.ham-radio
Date: 1992-06-28 01:21:19 UTC
From: arm@helix.nih.gov
Message-ID: <1992Jun28.012119.3066@alw.nih.gov>
Source record: 3427
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

I want to build a cross-polarized (circular polarized) antenna
for relatively short range operation. It is to receive a
signal from a small transmitter that might be in almost any
position.

The simplest approach is to make two dipoles at right angles
to each other. I am working at about 86 MHz. I don't want
to space the dipoles 1/4 wavelength apart, because I don't
have the space. Can I arrange two dipoles almost touching
each other? How do I feed them to keep a 50 ohm match?
Do I have to worry about the phasing between them? Do I
care if the circular polarization is right handed or
left handed?

Please send a copy of your suggestion to my Mail address so
I won't run the risk of missing your posting. Thanks.

Andrew Mitz, WA3LTJ | NIH Animal Center
Biomedical Engineer | Poolesville, MD

All opinions expressed are my own and not intended
to represent any governmental institute.

27. Re: Attn: Cornell ARC--reply

Newsgroup: rec.ham-radio
Date: 1992-06-29 13:33:53 UTC
From: roakley@guvax.georgetown.edu
Message-ID: <1992Jun29.093353.1073@guvax.georgetown.edu>
Source record: 3428
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

In article <pschleck.709623399@odin>, pschleck@odin.unomaha.edu (Paul W Schleck KD3FU) writes:
> hyx1@cunixa.cc.columbia.edu (Harry Y Xu) writes:
>
>> Any Cornellians out here?
>> I remember reading articles from members of the Cornell ARC.
>>Hope one of u will c this.
>> I have a Novice friend at Cornell who's exhausted his effort
>>to locate the Cornell ARC. He would be overjoyed if someone would him
>>info leading to the Cornell University ARC.
>> His name: Dennis Cho. Email address: YVYX@CORNELLA.cit.cornell.edu.
>>Tnx,
>>-=-=-=

station when I was visiting there within the last year. In addition, a few months ago I talked with a recent president of their club who had relocated to MD. So I am sure they are still around. Tell your friend to try snooping around Barton Hall or to consult the student directory.

Two other possibilities. The people at the front desk of the Straight (any Cornellian knows what that means) usually know all their is to know about student life at Cornell. Alternatively, you could consider asking at the library (radical thought in these days when all information has to be online, or it doesn't count). Uris library, in particular, has a wealth of information about the campus and the various activities.

Bob Oakley
WK3C
Cornell Arts '68; Law '76

++

Robert L. Oakley (Bob) PHONE: (202) 662-9160
Georgetown Univ. Law Library FAX: (202) 662-9202
111 G Street, N.W. BITNET: ROAKLEY@GUVAX.BITNET
Washington, D.C. 20001 INTERNET: ROAKLEY@GUVAX.GEORGETOWN.EDU
ARS: WK3C

++

28. UX1A, 6M DXpediton to Vyborg

Newsgroup: rec.ham-radio
Date: 1992-07-03 21:47:00 UTC
From: jsi@vipunen.hut.fi
Message-ID: <1992Jul3.214700.153@nntp.hut.fi>
Source record: 3429
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

OH6DD, OH2BC, OH1ZAA, UW1AE and UW3AX will activate Vyborg UA1 on July 5-10. Operation is postponed by two days from the original plan. Operation will take place from a hotel which is one of the highest buildings in Vyborg. Operation frequencies are 50.135, 50.105, 50.120, 50.155. Callsign is UX1A, grid KP40. Set-up consists of FT-650 + 5 el yagi. QSL via OH2BC.

Heading for UA1 in about 30 hours from now. CU in the pile-ups.

Jukka OH6DD

29. Re: YL/ES9C, 6M DXpedition to Latvia

Newsgroup: rec.ham-radio
Date: 1992-07-03 21:48:49 UTC
From: jsi@vipunen.hut.fi
Message-ID: <1992Jul3.214849.233@nntp.hut.fi>
Source record: 3430
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

Same equipment that will be used at UX1A will be lend to YL/ES9C dxpedition.
The date has not been decided yet. Enn ES1AR has licence that allows
operation on 50.100- 50.200 MHz on June 25 - August 25 1992. Arvo ES1CW
and possibly some OH ops will join (number of trips to YL is not limited).

Jukka OH6DD

30. Re: Attn: Cornell ARC

Newsgroup: rec.ham-radio
Date: 1992-07-06 16:57:17 UTC
From: codella@codella.watson.ibm.com
Message-ID: <1992Jul06.165717.40865@watson.ibm.com>
Source record: 3431
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

In article <1992Jun27.024712.808@news.columbia.edu>,
hyx1@cunixa.cc.columbia.edu (Harry Y Xu) writes:
|> Any Cornellians out here?
|> I remember reading articles from members of the Cornell ARC.
|> Hope one of u will c this.
|> I have a Novice friend at Cornell who's exhausted his effort
|> to locate the Cornell ARC. He would be overjoyed if someone would him
|> info leading to the Cornell University ARC.
|> His name: Dennis Cho. Email address: YVYX@CORNELLA.cit.cornell.edu.

Email to this address bounced. Anyway, here's the info. The Cornell ARC
is located in Barton Hall at the top of the tower on the left side (as you
look at the front of the building). You can see the antennas from anywhere
on campus where you can see Barton.

Also, you might try contacting Steve Powell, N2BU who has an office in the
Theory Center and is active with the club.

Chris Codella, W2PA

31. Wanted: High Power Carbon Resistors

Newsgroup: rec.ham-radio
Date: 1992-07-07 17:10:09 UTC
From: peirce@bnr.ca
Message-ID: <1992Jul7.171009.2835@bcrka451.bnr.ca>
Source record: 3432
Cross-posted to: ott.general,sci.electronics,rec.ham-radio

Hi Friends

I am looking for a cheap source of power carbon or
non inductive resistors for R.F. applications. The
value I require is 800Ohm 50W. Any parallel or series
combination will do; 50 1W resistors are not cheap!

Thanks

John Peirce

32. Re: Attn: Cornell ARC

Newsgroup: rec.ham-radio
Date: 1992-07-07 20:32:48 UTC
From: turini@gdls.UUCP
Message-ID: <4788@gdls.UUCP>
Source record: 3433
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

Three summers ago I was at Cornell for a two week seminar. I saw the antennas and inquired at the student union or some such information center and they promptly directed me to the president of the club.

For $5 I got a key and the use of the station for two weeks. Except for the long climb to the station, it was a wonderful experience at Cornell.

I suggest that the student be more resourceful!

Bill KA4GAV

33. Re: Wanted: High Power Carbon Resistors

Newsgroup: rec.ham-radio
Date: 1992-07-08 00:01:12 UTC
From: ornitz@kodak.kodak.com
Message-ID: <1992Jul8.000112.8519@kodak.kodak.com>
Source record: 3434
Cross-posted to: ott.general,sci.electronics,rec.ham-radio

In article <1992Jul7.171009.2835@bcrka451.bnr.ca> peirce@bnr.ca
(John Peirce) writes:
>I am looking for a cheap source of power carbon or
>non inductive resistors for R.F. applications. The
>value I require is 800Ohm 50W. Any parallel or series
>combination will do; 50 1W resistors are not cheap!

Try the Carborundum Company in Niagra Falls, NY. They make a good line of
high-power non-inductive resistors. Caddock Electronics (Riverside, CA) and
Bird Electronic Corp. (Cleveland, OH) also come to mind.

You will probably find 50 1-watt resistors are far cheaper if you really want
low inductance.
Barry


```
-----------------
| ___ ________ | Dr. Barry L. Ornitz WA4VZQ
| | / / | | Eastman Kodak Company
| | / / | | Eastman Chemical Company Research Laboratories
| |< < K O D A K| | Process Instrumentation Research Laboratory
| | \ \ | | P. O. Box 1972, Building 167B
| |__\ \________| | Kingsport, TN 37662 615/229-4904
| | INTERNET: ornitz@kodak.com
-----------------
```

34. Re: Wanted: High Power Carbon Resistors

Newsgroup: rec.ham-radio
Date: 1992-07-09 20:14:27 UTC
From: ragee@vdoe386.vak12ed.edu
Message-ID: <1992Jul09.201427.7911@vdoe386.vak12ed.edu>
Source record: 3435
Cross-posted to: ott.general,sci.electronics,rec.ham-radio

John,
Several years ago I needed a 100W 70 Ohm non inductive power load. Rather than purchase 50 2W carbon resistors I took ten 2W resistors (DETERMINE VALUE NEEDED BY FORMULA FOR RESISTORS IN PARALLEL), made a sandwich with all of them in parallel on copper plate, attached an RF connector to a gallon metal paint can lid, filled the can with mineral oil and dropped the whole mess inside. There was some minor loss of total resistance from the oil, but overall it worked great! You will need a small vent hole in the lid. If you really want to be safe, keep the thing in the refrigerator until you need it. Should handle your power for up to 10 continous minutes without damage to the resistors.

Randy Agee
ARS WB4BZX

35. MTS, NICAM, and SLC

Newsgroup: rec.ham-radio
Date: 1992-07-15 09:28:11 UTC
From: Michael Franzini <mf1w+@andrew.cmu.edu>
Message-ID: <weMyyfu00VpZ4_NXN2@andrew.cmu.edu>
Source record: 3436
Cross-posted to: rec.radio.shortwave,rec.video,rec.ham-radio

Here in Madrid several TV stations have started broadcasting in
two languages-- original version (usually English) and dubbed
(Spanish). According to an article in the newspaper, you need a
"special" TV to tune the alternate language soundtrack. I'd like to
believe there is a cheaper way.

Can anyone explain how this works?

I've heard that in the States there is something called SLC ("second
language channel") or MTS (stereo tv), and that one can buy an MTS
decoder pretty cheaply. The short newspaper article called the
alternate soundtrack scheme "NICAM". Is MTS/SLC the same thing as
NICAM?

Thanks!
--Mike

Michael Franzini --- Telefonica I+D, Espana --- maf@craso.tid.es

36. NRD-525 (Repost w/price-drop)

Newsgroup: rec.ham-radio
Date: 1992-08-03 14:43:03 UTC
From: gmw1@cunixa.cc.columbia.edu
Message-ID: <1992Aug3.144303.14389@news.columbia.edu>
Source record: 3437
Cross-posted to: rec.radio.swap,rec.ham-radio,rec.ham-radio.swap,alt.radio.scanner,rec.radio.shortave,misc.forsale

Japan Radio NRD-525 shortwave receiver still for sale, now for $650....

0.09-34 MHz continuous tuning, RTTY, CW, USB, LSB, AM, FM, FAX. 200
memory channels, two internal clocks, both flywheel and direct access
tuning, and probably one of the best Passband filter systems on the
market. Includes optional computer interface and cabling
(retail $1,000).

--
Gabe Wiener - Columbia Univ. "This 'telephone' has too many shortcomings
gmw1@cunixa.cc.columbia.edu to be seriously considered as a means of
N2GPZ in ham radio circles communication. The device is inherently of
72355,1226 on CI$ no value to us." -Western Union memo, 1877

37. Re: NRD-525 (Repost w/price-drop)

Newsgroup: rec.ham-radio
Date: 1992-08-03 18:39:54 UTC
From: crisp@netcom.com
Message-ID: <n2tm=+-.crisp@netcom.com>
Source record: 3438
Cross-posted to: rec.radio.swap,rec.ham-radio,rec.ham-radio.swap,alt.radio.scanner,rec.radio.shortave,misc.forsale

In article <1992Aug3.144303.14389@news.columbia.edu> gmw1@cunixa.cc.columbia.edu (Gabe M Wiener) writes:
>Japan Radio NRD-525 shortwave receiver still for sale, now for $650....
>
>0.09-34 MHz continuous tuning, RTTY, CW, USB, LSB, AM, FM, FAX. 200
>memory channels, two internal clocks, both flywheel and direct access
>tuning, and probably one of the best Passband filter systems on the
>market. Includes optional computer interface and cabling
>(retail $1,000).
>
>

A really good price on a damn good radio, I might add.

I own an NRD525 and a 535D. THey are really fine radios....

--
Richard Crisp Cupertino, Ca. crisp@netcom.com
(415) 903-3832 wk "what, me worry?" (408) 253 4541 fax
We have four boxes used to guarantee our liberty:
The soap box, the ballot box, the jury box and the cartridge box

38. Anyone seen or heard from?

Newsgroup: rec.ham-radio
Date: 1992-08-20 21:57:43 UTC
From: adam@wam.umd.edu
Message-ID: <1992Aug20.215743.8057@wam.umd.edu>
Source record: 3439
Cross-posted to: rec.radio.cb,rec.ham-radio

```
Anyone seen or heard from KD3FU Paul Schleck? If you have, PLEASE
ask him to drop me a line. I'm adam@wam.umd.edu

--Adam
```

39. Wanted: Source for K-Band (24.150 GHz) Transmitters

Newsgroup: rec.ham-radio
Date: 1992-08-27 02:12:47 UTC
From: wlw2286@ultb.isc.rit.edu
Message-ID: <1992Aug27.021247.17643@ultb.isc.rit.edu>
Source record: 3440
Cross-posted to: sci.electronics,rec.ham-radio,rec.radio.amateur.misc,rec.radio.swap

The title basically says it all, I need some K-Band transmitters which normally take the form of Gunn Diodes, however I am open to other suggestions. I believe that M/A-Comm is a manufactuer but I am not certain. If you have any suggestions on where to find these new, or used (like from radar guns) I would really appreciate hearing from you.

Thanks,

Lance Ware

--
****
Lance Ware Mac and IBM Reseller
Try here first:lware@wbst845e.xerox.com | Then here:wlw2286@ultb.isc.rit.edu
Continually computing fractals . . .

40. SONY Watchman channel selection problem

Newsgroup: rec.ham-radio
Date: 1992-09-23 07:27:48 UTC
From: george@delta.eng.ufl.edu
Message-ID: <1992Sep23.072748.14112@eng.ufl.edu>
Source record: 3441
Cross-posted to: sci.electronics,rec.ham-radio

Does anyone have any information on controlling the automatic station scan function in a SONY Watchman? I like to DX and the scan will only stop on a station with a strong signal.

There are only three external buttons on the unit which deal with channel selection. 1) Channel +, 2) Channel -, and 3) Ch Call (which just puts a marker on the screen to show you what channel you are on when you aren't scanning). I've tried pushing every combination.

I imagine this is something that the designers didn't expect the average viewer to want, but it would be simple enough to have the Ch Call button interrupt the scan. Or allow a fine-tuning mode with the + and - buttons while Ch Call button is depressed.

It would also allow me to lock on to stations in the ATV band, as the unit scans across them during power up on the UHF band. The ATV stations come in clearly, but apparently the unit is not allowed to lock on 'out-of band' signals.

So how about it? Any SONY engineers out there?

Please reply via direct email to george@alpha.ee.ufl.edu as our newsfeed is programmed to drop anything of importance.

Thank you

41. Printed Circuit Boards, Maker Wanted.

Newsgroup: rec.ham-radio
Date: 1992-10-09 04:00:40 UTC
From: sp@u36.kwnet.on.ca
Message-ID: <Bvu5tJ.Fpx@u36.kwnet.on.ca>
Source record: 3442
Cross-posted to: ont.general,sci.electronics,rec.ham-radio

I'm looking for someone to make a small quantity of
printed circuit boards of professional quality.(< 10)

Size is 7.5 x 13 cm G10 1.5 mm thick, double sided.

Any leads would be welcomed.

Thanks,

Sean.

Sean P. Goggin
251, Bridge Street West, Waterloo, Ontario, Canada N2K 1L1
Voice +1 519 746 7535 Fax +1 519 747 2933
email sp@bbi.kwnet.on.ca;sp@u36.uucp N 43 29' 30" W 80 30' 15"

42. Re: Printed Circuit Boards, Maker Wanted.

Newsgroup: rec.ham-radio
Date: 1992-10-12 13:53:41 UTC
From: ehare@arrl.org
Message-ID: <617@arrl.org>
Source record: 3443
Cross-posted to: ont.general,sci.electronics,rec.ham-radio

In rec.radio.amateur.misc, sp@u36.kwnet.on.ca (Sean P Goggin) writes:

>I'm looking for someone to make a small quantity of
>printed circuit boards of professional quality.(< 10)

>Size is 7.5 x 13 cm G10 1.5 mm thick, double sided.

From the ARRL Technical Department files:
Printed-Circuit Board Manufacturers - Custom and Supplies

If anyone knows of any other suppliers of inexpensive custom prototype
printed-circuit boards or small-quantity printed-circuit board supplies,
please send the information by postal mail to:

ARRL Technical Information Archives
225 Main St
Newington CT 06111

or email to <internet> ehare@arrl.org

Thanks, and 73 from ARRL HQ, Ed.

A&A Engineering
2521 W La Palma Ave Unit K
Anaheim CA 92801
714-952-2114

PC boards and kits for many QST projects

Atlas Circuits Company
P.O. Box 892
Lincolnton, N.C 28092
704-735-3943

Last known prices: $0.78 per square inch, $0.01 per hole, $7.50
to make film from 1X or 2X artwork. No plated thru holes, no
silkscreen, no solder mask, no inspection, 15-mil spacing design
rules. $10.00 minimum.

I have had them do up to small production runs, and the delivery
is excellent. They take 2X or 4X (1X with no guarantees) camera-
ready artwork (plotter, laser printer with GOOD toner, etc.).

The boards come back sheared and tin-plated. 10 mil traces appear
to survive their process, although only 15 mil is guaranteed. Ask
for their order sheet, which has instructions on it.

Express Circuits
314 Cothren St
POB 58
Wilkesboro NC 28697
800 426-5396

The can take output from Tango, Protel, SMartwork, HIwire, EE Designer and Gerber.

Far Circuits
18N640 Field Ct
Dundee IL 60118
no telephone

They will make printed-circuit boards for any League publication project artwork.

Midland Technologies
34374 E Frontage Rd
Bozeman MT 59715
406-586-1190

PCB Kits
750 Mariday
Lake Orion, MI 48362
313-693-0328

PC-board supplies. Some of their prices, from a recent sheet:

Complete kit--everything, $29.95.
6 X 6 X 1/32 single-sided pre-sensitized, $3.48
...double-sided, $5.16

A great advantage of these guys is their boards use a
positive photoresist, meaning you can just Xerox a
pattern onto a transparency and go!
---

73 from ARRL HQ, Ed

Ed Hare, KA1CV ehare@arrl.org
American Radio Relay League
225 Main St.
Newington, CT 06111 There is no limit to what you can
(203) 666-1541 - voice accomplish if you don't care who
ARRL Laboratory Supervisor gets the credit. - Harry S Truman
RFI, xmtr and rcvr testing
-----

43. Re: Printed Circuit Boards, Maker Wanted.

Newsgroup: rec.ham-radio
Date: 1992-10-14 17:55:07 UTC
From: dominic@skaro.genie.uottawa.ca
Message-ID: <1992Oct14.175507.2012@csi.uottawa.ca>
Source record: 3444
Cross-posted to: ont.general,sci.electronics,rec.ham-radio

In rec.radio.amateur.misc, sp@u36.kwnet.on.ca (Sean P Goggin) writes:

>I'm looking for someone to make a small quantity of
>printed circuit boards of professional quality.(< 10)

>Size is 7.5 x 13 cm G10 1.5 mm thick, double sided.

In Ottawa, we get ours done at:

Brock Circuits Inc.
101 Schneider Rd,
Kanata ON,
K2K 1Y3 (613) 591-7321

We supply them with the masks (printouts) from an epson printer, as produced
by some PCB layout software, and they make the double sided board. Pretty
cheap too, about 30$/board in quantities of one (15x30cm).

dominic

--
!@$^&*)($#$@!@#$^&*()_+_)(*&^$#@!$^&*()_+)(*&^$#@$^&*+_(*&^$#@#^&*()&*$#@(*&+_$!
Dominic Richens : dominic@shamin.genie.uottawa.ca : Tel. (613) 564 9911
MCRLab, Dept of Elec Eng, University of Ottawa, K1N 6N5, CANADA
"You construct intricate rituals which allow you to touch the skin of other men"

44. McGill University (ARCMU)!

Newsgroup: rec.ham-radio
Date: 1992-10-15 22:22:26 UTC
From: lmcansi@noah.ericsson.se
Message-ID: <1992Oct15.222226.908@exu.ericsson.se>
Source record: 3445
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

```
****************
* ANNOUNCEMENT *
****************

This message is to announce the resurrection of North
America's oldest university amateur radio club, namely

ARCMU Amateur Radio Club of McGill University
Call VE2UN

located in Montreal, Quebec, Canada!
Yes, we're very proud to announce that we're back!

In support, MARC (Montreal Amateur Radio Club) has joined
forces with ARCMU in putting up a 2m repeater.

The repeater is the original VE2BG station and is now
located on top of Burnside Hall at the corner of University
and Sherbrooke streets. It has an effective output of 25
Watts.

All previous members as well as all amateurs are welcome
to join! Previous members are encouraged to make yourself
known as we're trying to re-establish lost contacts.

If you have ANY questions, feel free to mail me at

silver@ee470.ee.mcgill.ca or
lmcansi@noah.ericsson.se

Thanx, and 73's!

Quicksilver! VE2HHS
```

45. Russian needs to know if US CB allowed into Russia

Newsgroup: rec.ham-radio
Date: 1992-10-22 13:52:39 UTC
From: craig@bunsen.rosemount.com
Message-ID: <1992Oct22.135239.11166@rosevax.rosemount.com>
Source record: 3446
Cross-posted to: rec.ham-radio,rec.radio.cb,rec.radio.amateur.misc

Someone is visiting from Russia for 1 week and her husband
asked her to try to buy a pair of walkie talkies. I hate to
see her waste money as everything is so expensive here.

Please excuse the corss posting as I do not read these
newsgroups normally. Follow ups to rec.radio.amateur.misc
please.

1)Are the walkie talkie CB frequencies legal in Russia?
2)Would walkie talies be confiscated if she tried to
bring them in?

Question #2 is much more important than #1 as everything
may be illegal in Russia, just a step ahead of the US. ;-)

I'm just trying to so someone a favor.

--
Craig F. Taylor
craig@rosemount.com
Work (612) 895-2254
Home (612) 454-4994

46. Seeking Scottish Gaelic speakers on Ham Radio

Newsgroup: rec.ham-radio
Date: 1992-10-22 18:16:23 UTC
From: cockburn@edieng.enet.dec.com
Message-ID: <1992Oct22.182008.5751@rdg.dec.com>
Source record: 3447
Cross-posted to: soc.culture.celtic,rec.ham-radio

Please reply to RSHANEY%PV@HOBBES.CCA.CR.ROCKWELL.COM
thanks
Craig

------- Forwarded mail received on 22-Oct-1992 at 17:26:57 -------

From: VBORMC::"GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl" "GAELIC Language Bulletin Board"
To: Multiple Recipients of <GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl>

Hello.

I'm trying to learn Scottish Gaelic, but I have no one to speak it to
me. Ergo, I have no idea how it's supposed to sound.

Fortunately, I have a ham radio license. If there's anyone out there
who speaks the language who can meet me on the air sometime, let me know.

Scott (really. You should here the story of how I got that name.)

% ====== Internet headers and postmarks (see DECWRL::GATEWAY.DOC) ======
% Received: by vbormc.vbo.dec.com; id AA15431; Thu, 22 Oct 92 17:22:01 +0100
% Received: by crl.dec.com; id AA25485; Thu, 22 Oct 92 12:26:25 -0400
% Message-Id: <9210221626.AA25485@crl.dec.com>
% Received: from HEARN.BITNET by HEARN.nic.SURFnet.nl (IBM VM SMTP V2R2) with BSMTP id 0816; Thu, 22 Oct 92 17:21:59 CET
% Received: from HEARN by HEARN.BITNET (Mailer R2.08 PTF008) with BSMTP id 0813; Thu, 22 Oct 92 17:21:54 CET
% Date: Thu, 22 Oct 92 11:17:00 CDT
% Reply-To: GAELIC Language Bulletin Board <GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl>
% Sender: GAELIC Language Bulletin Board <GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl>
% From: EarthSteward <RSHANEY%PV@HOBBES.CCA.CR.ROCKWELL.COM>
% X-To: GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl
% To: Multiple Recipients of <GAELIC-L%IRLEARN.bitnet@HEARN.nic.SURFnet.nl>

Craig Cockburn, Digital Equipment Co. Ltd, Reading, England. Suas
Internet: cockburn@edieng.enet.dec.com leis
UUCP:..!decwrl!edieng.enet.dec.com!cockburn a'
Gha\idhlig!
Views here are my own, and are not necessarily those of Digital

47. Re: Russian needs to know if US CB allowed into Russia

Newsgroup: rec.ham-radio
Date: 1992-10-26 23:46:10 UTC
From: billn@hpcvaac.cv.hp.com
Message-ID: <1992Oct26.234610.1860@hpcvaac.cv.hp.com>
Source record: 3448
Cross-posted to: rec.ham-radio,rec.radio.cb,rec.radio.amateur.misc

jfw@ksr.com (John F. Woods) writes:
:
: I don't have a direct answer to either question, but the probability that
: US CB walkie-talkies would be legal to operate in Russia is vanishingly small.
: Most countries (in the West, anyway) insist that CB-style radios operated in
: their countries be certified by their country's radio administration (FCC in
: the US, DOC (?) in Canada, etc); in particular, a US CB radio may not be
: legally operated in Canada, nor vice versa, despite the fact that the only
: "component" which is different between two models may be the certification
: sticker on the back.

The US and Canada have reciprocal licensing. That means that a US citizen
may operate his US made gear in Canada without any problems. The same is
true for a Canadian citizen visiting the US.

It may be illegal for a Canadian to use a US made radio that has not been
certified in Canada.

Bill

48. Woops!

Newsgroup: rec.ham-radio
Date: 1992-10-27 22:40:13 UTC
From: lmcansi@noah.ericsson.se
Message-ID: <1992Oct27.224013.28022@exu.ericsson.se>
Source record: 3449
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

WOOPS!

In relation to the message that I posted last week concerning ARCMU (Amateur Radio Club of McGill University) being back on the air, I made a mistake - and please don't shoot me, as I was under the impression that I was right at the time.

In that letter I said that ARCMU was North America's oldest University Amateur radio station - or something like that. Anyways, ARCMU is Canada's oldest university amateur radio station, not North America's. So see if y'all can forgive me.

I found out by checking in the 1972-73 student handbook, so once again, I apologize for the mistake. But hey, we're back in action!

Our next meeting is Wed. Nov. 4 at 7pm in MCRCIM (McGill Research Centre for Intelligent Machines, located in McConnell Engineering Building) room 437. ALL are welcome! We'll also have a tour of the VE2BG repeater, located on Burnside Hall.

Cheers and 73's!

Quicksilver!
VE2HHS

49. Re: Woops!

Newsgroup: rec.ham-radio
Date: 1992-10-28 03:58:39 UTC
From: pcl@engr.uark.edu
Message-ID: <1992Oct28.035839.26229@engr.uark.edu>
Source record: 3450
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

lmcansi@noah.ericsson.se (Andrew Silver) writes:
>
>In that letter I said that ARCMU was North America's oldest
>University Amateur radio station - or something like that.
>Anyways, ARCMU is Canada's oldest university amateur radio
>station, not North America's. So see if y'all can forgive
>me.
So. How old is it? Our's (ARCUA [University of Arkansas,
Fayetteville] - W5YM) goes back to the '40s and the station license
goes back to 1920 (5YM)...

73,
Peter Laws N5UWY, Pres. ARCUA
(Pierrefonds native)

Peter Laws |"The '90s are gonna make the '60s| pcl@engr.uark.edu
n5uwy@ka5bml.ar.usa.noam| look like the '50s"--D. Hopper |plaws@uafsysb.bitnet

50. Re: Printed Circuit Boards, Maker Wanted.

Newsgroup: rec.ham-radio
Date: 1992-10-28 15:49:06 UTC
From: jbore@cosmos.shearson.com
Message-ID: <JBORE.92Oct28114909@cosmos.shearson.com>
Source record: 3451
Cross-posted to: ont.general,sci.electronics,rec.ham-radio

ok, here is my question, i had a prototype board made for me from some
software that i was using. ps the software is supercad ($99 for the
pc and for hobbyist/semi-professional it's REALLY good!) but when i
got the board i realized i couldnt solder ic plugs (and other various
components) to the board because for a prototype they dont plate
through the holes (or via's) so therefore when i stuck the socket on,
i could solder the back side but not the top because it was right
against the board. and you need to solder both sides other wise the
coneection just isnt made.

What is the usual method for soldering on both sides of the board for
components like these on prototype pc boards???

In article <1992Oct14.175507.2012@csi.uottawa.ca> dominic@skaro.genie.uottawa.ca (Dominic
Richens) writes:

Xref: shearson.com sci.electronics:26179 rec.ham-radio:31244
Newsgroups: ont.general,sci.electronics,rec.ham-radio
Path: shearson.com!uunet!uunet!utcsri!torn!cunews!csi.uottawa.ca!news
From: dominic@skaro.genie.uottawa.ca (Dominic Richens)
Originator: dominic@shamin.genie.uottawa.ca
Sender: news@csi.uottawa.ca
Nntp-Posting-Host: skaro.genie.uottawa.ca
Reply-To: dominic@shamin.genie.uottawa.ca
Organization: MCRLab - University of Ottawa
References: <617@arrl.org>
Date: Wed, 14 Oct 92 17:55:07 GMT
Lines: 26

In rec.radio.amateur.misc, sp@u36.kwnet.on.ca (Sean P Goggin) writes:

>I'm looking for someone to make a small quantity of
>printed circuit boards of professional quality.(< 10)

>Size is 7.5 x 13 cm G10 1.5 mm thick, double sided.

In Ottawa, we get ours done at:

Brock Circuits Inc.
101 Schneider Rd,
Kanata ON,
K2K 1Y3 (613) 591-7321

We supply them with the masks (printouts) from an epson printer, as produced
by some PCB layout software, and they make the double sided board. Pretty
cheap too, about 30$/board in quantities of one (15x30cm).

dominic

--
!@$^&*)($#$@!@#$^&*()_+_)(*&^$#@!$^&*()_+)(*&^$#@$^&*+_(*&^$#@#^&*()&*$#@(*&+_$!
Dominic Richens : dominic@shamin.genie.uottawa.ca : Tel. (613) 564 9911
MCRLab, Dept of Elec Eng, University of Ottawa, K1N 6N5, CANADA
"You construct intricate rituals which allow you to touch the skin of other men"
--

Joe Bore | LEHMAN
jbore@shearson.com | ...!uunet!shearson.com!jbore | BROTHERS
(212)464-3431, Beeper: (212)396-4248 | --------

51. Re: Woops!

Newsgroup: rec.ham-radio
Date: 1992-10-28 23:29:11 UTC
From: pcl@engr.uark.edu
Message-ID: <1992Oct28.232911.10784@engr.uark.edu>
Source record: 3452
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio

sibley@math.psu.edu (David Sibley) writes:

>Gee, that's not so old :) The club station here at Penn State goes
>back to December 1909. That's before there was any licensing. It was
>licensed in 1912 as 8XE, and has had several different calls since
Neat!

We haven't been able to trace it back any further than that, but we do references to a club as early as 1913 and wireless telegraphy experimentation as early as1898 or so, but alas, no paper trail...

Peter Laws N5UWY

Peter Laws |"The '90s are gonna make the '60s| pcl@engr.uark.edu
n5uwy@ka5bml.ar.usa.noam| look like the '50s"--D. Hopper |plaws@uafsysb.bitnet

52. HR73 etc.

Newsgroup: rec.ham-radio
Date: 1992-10-31 03:38:11 UTC
From: jason@studsys.mscs.mu.edu
Message-ID: <1csv33INNg65@spool.mu.edu>
Source record: 3453
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.amateur.policy

Can someone post complete info on HR73 and companions? I mean like, a text of it, and Congresscritters that have backed it, etc. I would like to start a letter writing drive and need the info. If you are getting this in r.r.a.policy, I don't usually read the group, so use email please!

Thanks...
--
Jason Hanson | 915 W. Wisconsin Ave #1010 | (414) 288-2179
Marquette University | Milwaukee, WI 53233-2373 | Ham Radio: N9LEA
-- jason@studsys.mscs.mu.edu ==+== n9lea@n0ary.#nocal.ca.usa.na --

53. Re: Printed Circuit Boards, Maker Wanted.

Newsgroup: rec.ham-radio
Date: 1992-10-31 17:55:11 UTC
From: nagle@netcom.com
Message-ID: <1992Oct31.175511.11674@netcom.com>
Source record: 3454
Cross-posted to: ont.general,sci.electronics,rec.ham-radio

In article <JBORE.92Oct28114909@cosmos.shearson.com> jbore@cosmos.shearson.com (Joe Bore) writes:

> software that i was using. ps the software is supercad ($99 for the
> pc and for hobbyist/semi-professional it's REALLY good!) but when i
> got the board i realized i couldnt solder ic plugs (and other various
> components) to the board because for a prototype they dont plate
> through the holes (or via's) so therefore when i stuck the socket on,
> i could solder the back side but not the top because it was right
> against the board. and you need to solder both sides other wise the
> coneection just isnt made.
> What is the usual method for soldering on both sides of the board for
> components like these on prototype pc boards???

Usually, you avoid designing boards which require soldering to inaccessable pins. Most wiring has to go on the back of the board, with occasional traces on the component side as jumpers. Through-board connections can be made with rivets (Weller just came out with a little kit for doing something like this) or with small bent wires. You may have to allow more board space ("real estate") for the wiring with this approach; it's not the way to do dense boards.

If your boards are too complicated for that approach, it's probably time to go to boards with plated-through holes, even though it's substantially more expensive. All serious work today is done with plated-through holes.

John Nagle

54. 13 WPM test et. al

Newsgroup: rec.ham-radio
Date: 1992-10-31 18:18:27 UTC
From: jason@studsys.mscs.mu.edu
Message-ID: <1cuiljINN95e@spool.mu.edu>
Source record: 3455
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Awhile back, I posted with questions about the General code test. Thanks to all who responded. One gentleman even suggested that I attempt the Extra Code first. I took his suggestion and missed it by only one question; thus I recommend this strategy to anyone. I did pass the General code fine though, in fact it would have been a perfect paper but I put the answers to questions #1 and #2 in #1's blank.

Thanks again... Now, off to study for Advanced next Sunday. Oh, and another question. If I am going to take a test before I receive my new license, do I just bring ALL the CSCE's and stuff?

--
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55. Need docs for Hicock 6000

Newsgroup: rec.ham-radio
Date: 1992-11-03 23:44:00 UTC
From: tmajni@sequent.com
Message-ID: <1992Nov3.234400.836@sequent.com>
Source record: 3456
Cross-posted to: alt.radio.pirate,rec.ham-radio,rec.ham-radio.swap,rec.radio.shortwave,rec.radio.swap

I have a Hicock 6000 in great physical condition. I need to find documentation on this guy. Can anyone out there give ma a helping hand?

Tim Majni

56. Re: ARES/RACES Winter Emergency Class

Newsgroup: rec.ham-radio
Date: 1992-11-04 20:12:33 UTC
From: ardai@zax.eda.teradyne.com
Message-ID: <1992Nov4.201233.9725@icd.teradyne.com>
Source record: 3457
Cross-posted to: misc.emerg-services,rec.ham-radio

In article <Bx4Hzu.7zo@ais.org> tim@ais.org (Tim Tyler) writes:
- One of the main uses for ham volunteers in such a scenario would be as
-communications liason at emergency shelters such as schools.
-
- My topic of discussion will be Shelter Communications, & I'm soliciting
-advice on what all to cover.

While I haven't worked severe weather nets, I have handled public service communications for various events here around Boston. This is a list of suggestions off the top of my head.

Spare batteries and a charger. Bring a pack that handles alkaline batteries, since you can often get them in a pinch. 2.5-5AH gel cells work nicely. Car batteries aren't so good - marine/RV ones are better. Watch out for hydrogen generation while charging them, and insulate the terminals. Don't use gasoline generators indoors...

AC power supply, sufficient extension cord, power strip - save the batteries for when the power fails.

Standardise power connectors on everyone's rigs and have sufficient adapters. This way, you can easily plug any rig into any supply. The ARRL recommends the 2-pin molex connectors that Radio Shack sells. Cinch Jones or Anderson Power Pole connectors are also good choices. Make sure everyone agrees on polarity!!

A flashlight with spare batteries - Check the batteries every few months so you don't get caught with dead ones

Coax (50' of RG58 is about right) with adapters for BNC and PL259.

A magmount or clipon antenna, or maybe one of those coat-hanger quarter wave groundplanes

Headphones, possibly an external speaker, spare radio, regular FM (3 meter) radio, possibly a scanner, especially one that can get NOAA weather

Paper, pens, radiogram forms

Water, granola bars, etc. Often there isn't much food available, so it is better to have your own.

Appropriate clothing (layers, warm enough to go out and fiddle with the antennas)

If you have regular shelters, many of these items can be stored on site.
If you have permanently mounted antennas, keep a spare on hand just in case

the weather kills it.

Have a pre-announced frequency where people can find the net, and have
the net control call for checkins. This way, the hams can know where to
look to see if they are needed. Also, have occaisional dry runs so you can
find out any problems before the emergency hits :-)

Hope this helps.
/mike

--
\|/ Michael L. Ardai N1IST Teradyne EDA
--- --
/|\ ardai@maven.dnet.teradyne.com

57. Re: ARES/RACES Winter Emergency Class

Newsgroup: rec.ham-radio
Date: 1992-11-05 15:51:17 UTC
From: steve@vulture.ksc.nasa.gov
Message-ID: <1992Nov5.105118.4013@titan.ksc.nasa.gov>
Source record: 3458
Cross-posted to: misc.emerg-services,rec.ham-radio

Here are some items from our RACES checklist, plus a few more as a result of lessons learned from Hurricane Andrew. Obviously, a lot of this stuff is geared to a warm weather climate, but there may be others on the net who live in warmer areas.

Please feel free to add to the list.

Radio Equipment:
Two meter HT with extra bateries, ac adapter, charger, microphone
Adapters for various power sources- cigarette ligter, locally agreed upon standard connector, etc.
External antenna- ground plane, small beam
Extra coax cable
Antenna mast- wood, pvc
110 volt extension cord and 2 prong to 3 prong adapter
110 volt to 12 volt DC power supply
spare fuses
RF adapters- BNC to UHF, etc.
110 volt generator and extra gas

Operating and Personal Supplies
Tools
Officail identification
Cash, credit cards
Portable broadcast receiver and extra batteries
Toilet articles- shaver, toothbrush, toothpaste, soap, feminine products, toilet paper, etc
Rain gear
Flashlight
Matches/lighter
Tarp or plastic sheeting
Rope
Insect repellent
Medications- perscription and OTC
Local maps
Clipboard or notebook
Folding table
Portable television
Camera
Sleeping bag and a sheet and/or blanket, pillow
Earplugs
Sunglasses
Sunscreen
Hat

Change(s) of clothes
Gloves
Towels
First aid kit
List of important phone numbers
Pens and/or pencils
Folding chair
Potable water
Food
Eating utensils
Can opener

If you are going to be operating from a shelter or a widespread disaster area and you won't be able to go to "civilization" to sleep and eat, prepare to live in a shelter.

More information is available in the RACES archive on ucsd.edu in the hamradio/races directory.

Steve
Brevard County RACES

--

Steve Schindler steve@vulture.ksc.nasa.gov
Voice Systems Branch steve@testeng.ksc.nasa.gov
NASA - Kennedy Space Center

58. How can I start amateur radio in USA ?

Newsgroup: rec.ham-radio
Date: 1992-11-09 16:59:38 UTC
From: spark@gmuvax2.gmu.edu
Message-ID: <1992Nov9.165938.20615@gmuvax2.gmu.edu>
Source record: 3459
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Hello netters !

As a foreign student, I would like to know wheather I can enjoy radio
ham. I was a member of HL0R(sogang university amateur radio club) in
Seoul, Korea during 1982 - 1986.

So, I would like to know what kind of procedure do I need to follow,
any association etc .
Thanks in advance.

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59. VE

Newsgroup: rec.ham-radio
Date: 1992-11-10 01:28:41 UTC
From: jason@studsys.mscs.mu.edu
Message-ID: <1dn389INNc8@spool.mu.edu>
Source record: 3460
Cross-posted to: rec.ham-radio,rec.radio.amateur.policy,rec.radio.amateur.misc

I just passed my Advanced class license test. I am interested in becoming a VE (our local teams are low on numbers); what is the procedure for getting registered with the various VECs?

--

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60. central question / FAQ needed

Newsgroup: rec.ham-radio
Date: 1992-11-19 22:22:27 UTC
From: rawass@rhrk.uni-kl.de
Message-ID: <1992Nov19.222227.15166@rhrk.uni-kl.de>
Source record: 3461
Cross-posted to: rec.ham-radio,rec.ham-radio.packet,rec.ham-radio.swap,rec.radio.amateur.misc,rec.radio.amateur.packet

Hi,

I have some central questions about connecting
two hosts via some protocol, without using
the telephone-net :

I want to connect two or more hosts (running
Unix) with either TCP/IP or ka9q or something
by transmitting the data 'through the air'!

So I wanted to know, what hardware equipment
I will need, and I also wanted to know what
is the correct term for this (ham-radio?
packet-radio? cb?)

Anyway, I don't want to spend too much money
on the radio hardware (less than DM 300, that
are US$ 200).

I intended to use so called CB-units (don't
know the correct english term).

So, if you have some material about this
or if you can answer my questions or if
you can tell me where to find a FAQ for
tis group, please emal me or post to this
group...

Rawalex
--------------------------+---
Alexander Rawass | "Life's a piece of shit ... when you look at it."
rawass@sun.rhrk.uni-kl.de | Monty Python's Life of Brian
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Rawalex
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Alexander Rawass | "Life's a piece of shit ... when you look at it."
rawass@sun.rhrk.uni-kl.de | Monty Python's Life of Brian

61. Mail order stores for Short Wave Radios?

Newsgroup: rec.ham-radio
Date: 1992-12-11 21:28:18 UTC
From: atul@nynexst.com
Message-ID: <1992Dec11.212818.27354@nynexst.com>
Source record: 3462
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.ham-radio

I am looking for some mail order stores or discount stores that sell high end short wave radios at a discount. In the low to middle price range, SW radios are available at several mail order/discount stores at a deep discount compared to the list price. For example, Sony ICF-2010 has a list price of $450. However, I found it advertized in Sunday New York Times for $300. Are similar discounts available on high end SW radios such as Drake R-8, Kenwood R-5000, Japan Radio NRD-525, or Lowe HF-150? I called some of mail order stores that carry advertisements in "1993 Passport to World Band Radios" (Grove, Electronic Equipment Bank, and Barry Electronics). On a $1000 list price, their discounts are only about $50 to $100. Are there any other stores where one can get the high end radios at a greater discount?

Please respond by email. If there is sufficient interest, I will post a summary to the net. Thanks.

--Atul
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